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ABSTRACT

This is Part 2 of a final evaluation of a program to reduce destructive risk-taking behavior (e.g., drug-alcohol abuse and juvenile delinquency) in school-age youth. The program uses peer counseling in schools to develop self-esteem and better communication skills in students. Analysis of attitude tests is performed and factors affecting the outcomes of the tests are discussed, such as anxiety level, setting and rapport between facilitator and peer groups. Overall, school evaluation results indicate that there has been a positive attitude change among peer group members due to their participation in the Peer Dynamics program. A significant positive change in overall self-attitude was seen in all grade levels, with the greatest in Grades 8, 10, and 11: no significant differences were noted between the sexes. A control group at one junior high school showed no significant change in their attitudes toward self or others. Individual school evaluation results are provided for 22 schools. Recommendations are made regarding the importance of the pre- and post-tests. (Author/KMF)

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Peer Dynamics

1979-1980 Evaluation Report

Part 2

by

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
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FACTORS AFFECTING THE OUTCOMES

In reviewing the following tables and test results, the reader should keep in mind that the following items could have an effect on the outcomes:

A. First and foremost, the tests are not validated. There are no norms to compare these results to. One can only speculate on the results. After research and outside consultation, it has been suggested that the tests were poor measures in terms of evaluating program results to the stated goals and objectives of Peer.

B. Age and honesty factors of students taking tests - Students tend to have a more ideal image of themselves when they take the "pre" tests. After the program, when they take the "post" tests, the students take a more realistic view or image of themselves. Age is a factor in that junior high students have more difficulty in looking at themselves realistically as compared to senior high students (maturation level). Concern on the part of the student regarding confidentiality, how the attitude tests would be used and who would see the responses may effect the honesty level.

C. Anxiety level is not measured in these tests which could have an impact on the results.

D. Setting - the atmosphere (quiet or noisy) should be conducive to taking pre-post tests. Students might not have had such an atmosphere and they may have possibly conferred with each other on the tests (especially pre).

E. Students may have lacked an understanding of what the program involved and may not have understood the purpose or direction of the pre-post tests.

F. The tests may not have been administered with a positive attitude and as an activity of considerable importance. It has been shown that the attitude of the administrator in a survey situation has a noticeable effect on the attitude of the young people responding to the surveys.

G. Rapport between facilitator and peer groups may not have been as cohesive in the beginning as compared to the end of peer.

H. Length of time in the peer program among schools vary. Duration of the program lasts anywhere from a three week mini-course to meeting once a week for a year. This inconsistency has an effect on test results and the students. The longer a school has had the Peer program, the more stable the program will be. Those facilitators will then be more experienced and the students, by word of mouth, will better understand what the program is.

ANALYSIS OF ATTITUDE TESTS

The As I See Myself questionaire was collapsed into a single scale by summing the thirty-five item responses. Since a two, three, or four was the most common response, most students scores fell between seventy and one hundred. Thus, for example, school sixteen had a pre score of 89.0625 and a post score of 74.375 during the observation. This mean difference (Pre - Post) of 14.6875 indicates improvement since a lower score indicates a better self attitude. A probability of .004 was noted as the chance that the two groups self attitude did not change.

Schools with fewer than 15 students involved in the testing cannot apply these probability figures because of the instability of small samples. If the probability figure is above .05, then any difference observed can be attributed to chance.

Tha Attitude Toward Others questionaire was collapsed into four scales of attitudes toward others. These are parent, peer, teacher/adult, and overall attitude. There were 421 students who completed this questionaire and only slight changes were noted. Since the higher the score the better, a negative difference (Pre - Post) is necessary to say an improvement took place. Again, a probability less than .05 is required to say the group of students changed statistically.

TOTAL SCHOOLS EVALUATION RESULTS

The following table indicates an eighty-three per cent positive change in attitudes on the questionaire, As I See Myself and a fifty-six per cent positive change in attitudes on the questionaire, Attitudes Toward Others.

It is apparent from the test results that there has been a positive attitude change among peer group members due to their participation in the Peer Dynamics Program.

TOTAL SCHOOLS

PRE - POST ATTITUDE TEST RESULTS

VARIABLE	TEST	SIGNIFICANT NEGATIVE CHANGE	NEGATIVE CHANGE	REMAINED THE SAME	POSITIVE CHANGE	SIGNIFICANT POSITIVE CHANGE
PARENT ATTITUDE	ATO		47%		43%	9%
PEER ATTITUDE	ATO	9%	35%	4%	30%	22%
TEACHER/ADULT ATTITUDE	ATO	9%	43%		43%	4%
OVERALL ATTITUDE	ATO	9%	35%		39%	17%
OVERALL SELF ATTITUDE	AISM		17%		61%	22%

SCHOOLS PARTICIPATING IN PRE - POST ATTITUDE TEST RESULTS:

ALLIANCE - ALLIANCE HIGH SCHOOL
ALLIANCE - ST. AGNES ACADEMY
CENTRAL CITY - CENTRAL CITY MIDDLE SCHOOL
CRAWFORD - CRAWFORD HIGH SCHOOL
CURTIS - MEDICINE VALLEY HIGH SCHOOL
FORT CALHOUN - FORT CALHOUN JUNIOR/SENIOR HIGH SCHOOL
GERING - GERING HIGH SCHOOL
KEARNEY - KEARNEY JUNIOR HIGH SCHOOL
MORRILL - MORRILL HIGH SCHOOL
OMAHA - MILLARD CENTRAL JUNIOR HIGH SCHOOL
OMAHA - MILLARD HIGH SCHOOL - LEVEL I
OMAHA - MILLARD HIGH SCHOOL - LEVEL II
OMAHA - MILLARD NORTH JUNIOR HIGH SCHOOL
OMAHA - NEIHARDT ELEMENTARY SCHOOL
NORTH PLATTE - ADAMS JUNIOR HIGH SCHOOL
ORLEANS - ORLEANS PUBLIC SCHOOL
PLATTSMOUTH - PLATTSMOUTH MIDDLE SCHOOL
PLEASANTON - PLEASANTON HIGH SCHOOL
RAVENNA - RAVENNA HIGH SCHOOL
SCOTIA - NORTH LOUP SCOTIA HIGH SCHOOL
SPRINGFIELD - PLATTEVIEW HIGH SCHOOL
SCOTTSBLUFF - SCOTTSBLUFF JUNIOR HIGH SCHOOL
FREMONT - FREMONT SENIOR HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

TOTAL STUDENTS

ATTITUDES TOWARD OTHERS

VARIABLE	*NUMBER OF CASES*	*MEAN*	*DIFFERENCE MEAN*	*T VALUE*	*2 - TAIL PROB.*	*RESULTS*
PRE PARENT ATT.	421	33.9430	0.0926	0.26	0.796	-
POST PARENT ATT.		33.8503				
PRE PEER ATT.	421	35.4133	-0.3420	-1.24	0.214	+
POST PEER ATT.		35.7553				
PRE TEACHER/ADULT	421	19.0451	0.0713	0.32	0.745	-
POST TEACHER/ADULT		18.9739				
PRE ATTITUDE	421	95.2233	-0.3017	-0.49	0.622	+
POST ATTITUDE		95.5249				

AS I SEE MYSELF

VARIABLE	*NUMBER OF CASES*	*MEAN*	*DIFFERENCE MEAN*	*T VALUE*	*2 - TAIL PROB.*	*RESULTS*
SUM PRE	383	97.4674	5.2663	5.15	0.000	* +
SUM POST		92.2010				

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

GRADE LEVEL EVALUATION RESULTS

The following table indicates that there was a significant positive change in overall self attitude for all grade levels. The greatest change in overall attitude toward others and self occurred among grades eight, ten, and eleven.

PRE - POST ATTITUDE TEST RESULTS

ACCORDING TO GRADE LEVEL

GRADE LEVEL	PARENT ATTITUDE ATO	PEER ATTITUDE ATO	TEACHER/ADULT ATTITUDE ATO	OVERALL ATTITUDE ATO	OVERALL SELF ATTITUDE
SIX	+	-	-	-	+
SEVEN	-	+	-	-	* +
EIGHT	-	+	-	+	* +
NINE	-	+	-	-	+
TEN	* +	-	+	+	+
ELEVEN	* +	+	+	* +	+
TWELVE	-	-	-	* -	+

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

EVALUATION RESULTS - ACCORDING TO SEX

The test results indicates that there is no significant difference among males or females in attitude changes.

PRE - POST ATTITUDE TEST RESULTS

ACCORDING TO SEX

SEX	PARENT ATTITUDE	PEER ATTITUDE	TEACHER/ADULT ATTITUDE	OVERALL ATTITUDE
MALE	-	+	+	-
FEMALE	+	+	-	+

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

CONTROL GROUP EVALUATION RESULTS

Scottsbluff Junior High School evaluated students involved in Peer Dynamics and students not involved in the program. The data collected indicates that students not involved in the Peer program did not experience a significant change in their attitudes toward others or attitudes toward self. The students involved in the Peer program experienced a significant positive change in overall attitudes toward others and overall attitudes toward self. It is apparent from the test results that the Peer Dynamics Program is having a positive impact on the students involved.

SCOTTSBLUFF JUNIOR HIGH SCHOOL

STUDENTS WITHOUT PEER - CONTROL GROUP

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
RE PARENT ATT.	85	35.4823	-0.6824	-0.88	0.383	+
OST PARENT ATT.		36.1647				
RE PEER ATT.	85	34.6823	-0.2000	-0.35	0.725	+
OST PEER ATT.		34.8823				
RE TEACHER/ADULT	85	19.8706	0.1882	0.36	0.723	-
OST TEACHER/ADULT		19.6823				
RE ATTITUDE	85	96.8588	-0.8118	-0.59	0.560	+
OST ATTITUDE		97.6706				

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AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	73	90.9630	0.0741	0.01	0.988	+
SUM POST		90.8889				

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

SCOTTSBLUFF JUNIOR HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
RE PARENT ATT.	59	36.4576	-1.0000	-0.80	0.426	+
OST PARENT ATT.		35.4576				
RE PEER ATT.	59	33.8983	-1.6949	-2.11	0.039	* +
OST PEER ATT.		35.5932				
RE TEACHER/ADULT	59	19.5254	-1.3898	-2.01	0.049	* +
OST TEACHER/ADULT		20.9153				
RE ATTITUDE	59	96.5593	-2.1187	-1.06	0.295	+
OST ATTITUDE		98.6780				

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AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	55	106.563[illegible]	10.2727	3.76	0.0000	* +
SUM POST		96.2909				

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

INDIVIDUAL SCHOOL EVALUATION RESULTS

In reviewing the individual school evaluation results the reader should refer to Factors Affecting the Outcomes; and also remember that schools with less than fifteen students involved in testing this past year should be aware that there is instability in results when testing and evaluating small samples. However, those schools with small samples should also be aware that their efforts in testing are not negated in anyway. They are statistically represented in the figures of total schools.

ALLIANCE HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	9	29.6667	-2.7778	-2.32	0.049	* +
POST PARENT ATT.		32.4444				
PRE PEER ATT.	9	34.6667	-4.1111	-2.98	0.018	* +
POST PEER ATT.		38.7778				
PRE TEACHER/ADULT	9	16.5555	1.2222	0.62	0.554	-
POST TEACHER/ADULT		15.3333				
PRE ATTITUDE	9	87.3333	-5.8889	-1.58	0.152	+
POST ATTITUDE		93.2222				

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AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	8	93.3750	0.5000	0.08	0.941	+
SUM POST		92.8750				

* - SIGNIFICANT NEGATIVE CHANGE

24 - NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

ST. AGNES ACADEMY

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	14	35.5000	1.3571	1.21	0.246	+
POST PARENT ATT.		34.1429				
PRE PEER ATT.	14	36.1429	0.5714	0.46	0.655	+
POST PEER ATT.		35.2857				
PRE TEACHER/ADULT	14	20.1429	0.1429	0.25	0.810	-
POST TEACHER/ADULT		20.0000				
PRE ATTITUDE	14	99.3571	1.6429	0.74	0.475	-
POST ATTITUDE		97.7143				

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AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	8	87.6250	1.5000	0.54	0.603	+
SUM POST		86.1250				

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

CENTRAL CITY MIDDLE SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	12	34.4167	4.5833	1.63	0.132	-
POST PARENT ATT.		29.8333				
PRE PEER ATT.	12	35.0833	3.5000	2.57	0.026	* +
POST PEER ATT.		31.5833				
PRE TEACHER/ADULT	12	20.3333	2.9167	1.48	0.168	-
POST TEACHER/ADULT		17.4167				
PRE ATTITUDE	12	95.5000	10.8333	2.08	0.062	+
POST ATTITUDE		84.6667				

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AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	12	110.9167	-6.3333	-0.87	0.404	+
SUM POST		117.2500				

* - SIGNIFICANT NEGATIVE CHANGE

28 - NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

29

CRAWFORD HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	4	33.7500	-3.2500	-1.25	0.299	+
POST PARENT ATT.		37.0000				
PRE PEER ATT.	4	36.0000	0.0	0.0	1.000	0
POST PEER ATT.		36.0000				
PRE TEACHER/ADULT	4	18.5000	0.2500	0.19	0.861	-
POST TEACHER/ADULT		18.2500				
PRE ATTITUDE	4	93.2500	-4.000	-0.84	0.464	+
POST ATTITUDE		97.2500				

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AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	4	99.5000	5.2500	0.54	0.625	+
SUM POST		94.2500				

* - SIGNIFICANT NEGATIVE CHANGE

30 - NEGATIVE CHANGE

0 REMAINED THE SAME

+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

MEDICINE VALLEY HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	11	31.0000	-1.6364	-0.80	0.443	+
POST PARENT ATT.		32.6364				
PRE PEER ATT.	11	36.3636	-2.0909	-1.55	0.153	+
POST PEER ATT.		38.4545				
PRE TEACHER/ADULT	11	18.8182	-0.6364	-0.42	0.682	+
POST TEACHER/ADULT		19.4545				
PRE ATTITUDE	11	92.9091	-4.9091	-1.27	0.233	+
POST ATTITUDE		97.8182				

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AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	11	104.1818	17.8182	1.59	0.143	+
SUM POST		86.3636				

* - SIGNIFICANT NEGATIVE CHANGE

32 - NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

33

FORT CALHOUN JUNIOR/SENIOR HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	9	37.0000	0.4445	0.27	0.797	+
POST PARENT ATT.		36.5555				
PRE PEER ATT.	9	36.3333	1.0000	0.56	0.593	+
POST PEER ATT.		35.3333				
PRE TEACHER/ADULT	9	21.2222	0.3333	0.46	0.659	-
POST TEACHER/ADULT		20.8889				
PRE ATTITUDE	9	101.8889	1.3333	0.43	0.676	+
POST ATTITUDE		100.5555				

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AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	7	88.0000	12.0000	4.16	0.0006	* +
SUM POST		76.0000				

* - SIGNIFICANT NEGATIVE CHANGE

34 - NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

35

GERING HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	6	36.6667	0.3333	0.15	0.886	-
POST PARENT ATT.		36.3333				
PRE PEER ATT.	6	33.6667	-3.1667	-1.43	0.212	+
POST PEER ATT.		36.8333				
PRE TEACHER/ADULT	6	22.0000	-0.6667	-0.38	0.718	+
POST TEACHER/ADULT		22.6667				
PRE ATTITUDE	6	100.0000	-3.8333	-0.79	0.464	+
POST ATTITUDE		103.8333				

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AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	6	95.5000	11.1667	3.56	0.016	* +
SUM POST		84.3333				

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

KEARNEY JUNIOR HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	4	36.5000	-1.0000	-0.37	0.734	+
POST PARENT ATT.		37.5000				
PRE PEER ATT.	4	35.2500	-0.2500	-0.13	0.907	+
POST PEER ATT.		35.5000				
PRE TEACHER/ADULT	4	19.0000	-0.5000	-0.26	0.813	+
POST TEACHER/ADULT		19.5000				
PRE ATTITUDE	4	97.7500	-1.7500	-0.56	0.617	+
POST ATTITUDE		99.5000				

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AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	3	94.6667	-0.3333	-0.05	0.966	+
SUM POST		95.0000				

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

MORRILL HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	5	27.2000	-10.4000	-1.80	0.146	+
POST PARENT ATT.		37.6000				
PRE PEER ATT.	5	34.6000	-1.4000	-1.36	0.245	+
POST PEER ATT.		36.0000				
PRE TEACHER/ADULT	5	16.4000	0.8000	0.24	0.822	-
POST TEACHER/ADULT		15.6000				
PRE ATTITUDE	5	84.2000	-12.6000	-3.03	0.039	* +
POST ATTITUDE		96.8000				

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AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	1	97.0000	-2.0000	99.00	99.000	-
SUM POST		99.0000				

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

MILLARD CENTRAL JUNIOR HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	20	34.6000	-3.5500	-2.72	0.013	* +
POST PARENT ATT.		38.1500				
PRE PEER ATT.	20	36.0500	-2.4000	-2.91	0.009	* +
POST PEER ATT.		38.4500				
PRE TEACHER/ADULT	20	20.7000	-0.9500	-1.81	0.087	+
POST TEACHER/ADULT		21.6500				
PRE ATTITUDE	20	98.2500	-7.2000	-3.33	0.004	* +
POST ATTITUDE		105.4500				

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AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	16	89.0625	14.6875	3.41	0.004	* +
SUM POST		74.3750				

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

MILLARD HIGH SCHOOL - LEVEL I

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	34	34.7059	-0.7941	-0.80	0.432	+
POST PARENT ATT.		35.5000				
PRE PEER ATT.	34	38.6470	-1.5882	-1.84	0.075	+
POST PEER ATT.		37.0588				
PRE TEACHER/ADULT	34	19.7941	-0.2941	-0.50	0.623	+
POST TEACHER/ADULT		20.0882				
PRE ATTITUDE	34	100.6765	0.9118	0.60	0.553	-
POST ATTITUDE		99.7647				

AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	35	85.9143	0.4857	0.17	0.863	+
SUM POST		85.4286				

* - SIGNIFICANT NEGATIVE CHANGE

44 - NEGATIVE CHANGE

0 REMAINED THE SAME

+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

MILLARD HIGH SCHOOL - LEVEL II

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
RE PARENT ATT.	14	26.1429	0.0714	0.03	0.978	-
OST PARENT ATT.		26.0714				
RE PEER ATT.	14	37.4286	-0.7143	-0.34	0.737	+
OST PEER ATT.		36.7143				
RE TEACHER/ADULT	14	18.5000	-0.5000	-0.40	0.692	+
OST TEACHER/ADULT		19.0000				
RE ATTITUDE	14	88.3571	-0.5714	-0.16	0.874	+
OST ATTITUDE		88.9286				

-26-

AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	17	89.7059	-1.4706	-0.25	0.807	-
SUM POST		91.1765				

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

MILLARD NORTH JUNIOR HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
RE PARENT ATT.	24	37.0833	1.1250	1.02	0.317	-
OST PARENT ATT.		35.9583				
RE PEER ATT.	24	39.8333	-3.0833	-3.90	0.001	* +
OST PEER ATT.		36.7500				
RE TEACHER/ADULT	24	20.0833	0.1667	0.30	0.770	-
OST TEACHER/ADULT		19.9167				
RE ATTITUDE	24	104.6667	-4.5417	-2.47	0.021	* +
OST ATTITUDE		100.1250				

-27-

AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	20	81.8500	6.2000	1.45	0.164	+
SUM POST		75.6500				

48

* - SIGNIFICANT NEGATIVE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

49

NEIHARDT ELEMENTARY SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	10	40.9000	-0.9000	-0.76	0.464	+
POST PARENT ATT.		41.8000				
PRE PEER ATT.	10	36.9000	-1.3000	-1.74	0.115	+
POST PEER ATT.		35.6000				
PRE TEACHER/ADULT	10	22.4000	0.1000	0.04	0.968	-
POST TEACHER/ADULT		22.3000				
PRE ATTITUDE	10	108.2000	-1.7000	-0.53	0.612	+
POST ATTITUDE		106.5000				

-28-

AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	8	97.1250	12.2500	2.20	0.064	+
SUM POST		84.8750				

50

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

51

ADAMS JUNIOR HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	33	33.7273	1.6364	1.17	0.250	-
POST PARENT ATT.		32.0909				
PRE PEER ATT.	33	36.0303	-2.3940	-1.95	0.060	+
POST PEER ATT.		38.4242				
PRE TEACHER/ADULT	33	18.7576	-2.0909	-2.29	0.029	* +
POST TEACHER/ADULT		16.6667				
PRE ATTITUDE	33	95.2424	-1.2727	-0.44	0.666	+
POST ATTITUDE		93.9697				

-29-

AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	32	101.8750	3.5625	0.92	0.365	+
SUM POST		98.3125				

* - SIGNIFICANT NEGATIVE CHANGE

52 - NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

53

ORLEANS PUBLIC SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
RE PARENT ATT.	16	33.9375	-0.6250	-0.77	0.456	+
OST PARENT ATT.		34.5625				
RE PEER ATT.	16	33.7500	-0.6875	-0.55	0.589	+
OST PEER ATT.		34.4375				
RE TEACHER/ADULT	16	19.6250	0.8750	1.08	0.298	-
OST TEACHER/ADULT		18.7500				
RE ATTITUDE	16	94.1875	-0.1875	-0.10	0.921	+
OST ATTITUDE		94.3750				

-30-

AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	13	106.0000	5.0000	1.43	0.179	+
SUM POST		101.0000				

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

PLATTSMOUTH MIDDLE SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	19	30.3684	-0.4737	-0.33	0.747	+
POST PARENT ATT.		30.8421				
PRE PEER ATT.	19	34.7368	-3.6316	-3.41	0.003	* +
POST PEER ATT.		38.3684				
PRE TEACHER/ADULT	19	17.4211	-1.2105	-0.90	0.379	+
POST TEACHER/ADULT		18.6316				
PRE ATTITUDE	19	89.0526	-5.4211	-2.03	0.057	* +
POST ATTITUDE		94.4737				

-31-

AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	14	84.6429	2.6429	0.52	0.609	+
SUM POST		82.0000				

* - SIGNIFICANT NEGATIVE CHANGE

56 - NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

57

PLEASANTON HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
RE PARENT ATT.	30	33.7000	-1.1000	-0.78	0.442	+
OST PARENT ATT.		32.6000				
RE PEER ATT.	30	32.0667	-1.6000	-1.41	0.169	+
OST PEER ATT.		30.4667				
RE TEACHER/ADULT	30	17.6000	1.3333	1.99	0.056	-
OST TEACHER/ADULT		16.2667				
RE ATTITUDE	30	90.3000	3.9667	2.06	0.048	-
OST ATTITUDE		86.3333				

-32-

AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	25	107.6000	3.4400	0.96	0.349	+
SUM POST		104.1600				

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

RAVENNA HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
RE PARENT ATT.	27	32.5185	-1.3333	-1.02	0.315	+
OST PARENT ATT.		33.8518				
RE PEER ATT.	27	34.1111	-2.3333	-2.35	0.027	* +
OST PEER ATT.		36.4444				
RE TEACHER/ADULT	27	18.8889	-0.3704	-0.53	0.602	+
OST TEACHER/ADULT		19.2592				
RE ATTITUDE	27	91.9630	-4.1111	-1.66	0.108	+
OST ATTITUDE		96.0741				

AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	27	107.7037	7.3333	2.35	0.027	* +
SUM POST		100.3704				

* - SIGNIFICANT NEGATIVE CHANGE

60 - NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

61

NORTH LOUP SCOTIA HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
RE PARENT ATT.	4	33.0000	-1.2500	-1.13	0.342	+
OST PARENT ATT.		34.2500				
RE PEER ATT.	4	32.7500	-1.5000	-2.32	0.103	+
OST PEER ATT.		34.2500				
RE TEACHER/ADULT	4	10.7500	-4.2500	-1.92	0.151	+
OST TEACHER/ADULT		15.0000				
RE ATTITUDE	4	81.5000	-9.0000	-3.29	0.046	* +
OST ATTITUDE		90.5000				

AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	4	121.0000	18.0000	1.39	0.259	+
SUM POST		103.0000				

* - SIGNIFICANT NEGATIVE CHANGE

62 - NEGATIVE CHANGE

0 REMAINED THE SAME

+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

63

PLATTEVIEW HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
PRE PARENT ATT.	29	34.0000	-0.9310	-0.55	0.586	+
POST PARENT ATT.		33.0690				
PRE PEER ATT.	29	31.5517	-0.5517	-0.53	0.597	+
POST PEER ATT.		31.0000				
PRE TEACHER/ADULT	29	17.5517	-1.3448	-1.83	0.079	+
POST TEACHER/ADULT		16.2069				
PRE ATTITUDE	29	89.6552	-2.4828	-1.03	0.313	+
POST ATTITUDE		87.1724				

35

AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
SUM PRE	30	94.8000	4.1333	1.48	0.150	+
SUM POST		90.6667				

64

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

65

FREMONT HIGH SCHOOL

PRE - POST ATTITUDE TEST RESULTS

ATTITUDES TOWARD OTHERS

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
X PARENT ATT.	28	31.2143	1.3214	1.30	0.205	-
ST PARENT ATT.		29.8929				
E PEER ATT.	28	38.5357	1.6071	1.63	0.115	-
ST PEER ATT.		36.9286				
E TEACHER/ADULT	28	18.6786	-0.4286	-0.65	0.519	+
ST TEACHER/ADULT		19.1071				
E ATTITUDE	28	95.2143	2.2857	1.41	0.171	-
ST ATTITUDE		92.9286				

AS I SEE MYSELF

VARIABLE	NUMBER OF CASES	MEAN	DIFFERENCE MEAN	T VALUE	2 - TAIL PROB.	RESULTS
UM PRE	27	90.9630	0.0741	0.001	0.988	+
UM POST		90.8889				

* - SIGNIFICANT NEGATIVE CHANGE

\- NEGATIVE CHANGE

0 REMAINED THE SAME

\+ POSITIVE CHANGE

* + SIGNIFICANT POSITIVE CHANGE

RECOMMENDATIONS

The two Peer Consultants with the Department of Health have made the following recommendations. Peer consultants recognize that the Pre and Post testing procedures is a time consuming process. However, measuring the outcomes of all efforts is beneficial in terms of securing vital data that will prove the effectiveness of the Peer Dynamics Program.

New evaluation tools have been implemented with the start of the 1980-81 school year. Consultants feel the changes made for future evaluation attempts will be beneficial for all those involved to the commitment of administering the tools conscientiously.

Consultants highly recommend the use of these new evaluation tools to facilitators and want to emphasize the importance of total commitment. One major diffculty with the past evaluation tools and past efforts is that many tests were discarded because of mislabeling or partially answered surveys.

Each facilitator must make more of a conscious effort to administer the Pre and Post tests, since it is such a vital part of the program.